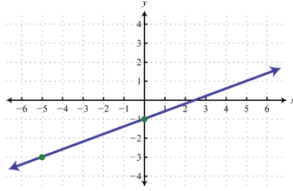


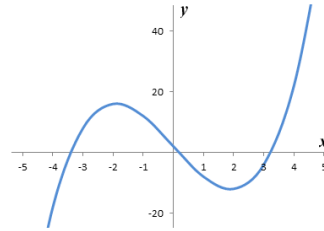
Linear and Non Linear Functions

Identify if the following functions are **linear** or **nonlinear**. Linear functions have a **constant rate of change**.

1. Linear Non Linear



5. Linear Non Linear



2. Linear Non Linear

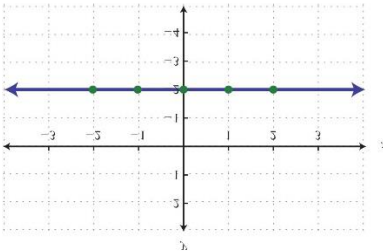
x	y
-3	6
-2	0
-1	-4
0	-6
1	-6
2	-4
3	0
4	6

6. Linear Non Linear

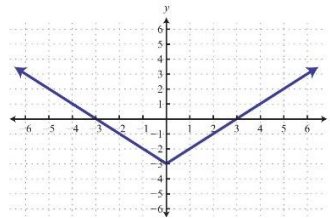
Age (years)	Weight (lbs.)
1	20
2	25
3	33
4	42
5	48

years is the **input** and weight is the **output**.

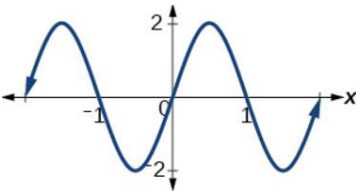
3. Linear Non Linear



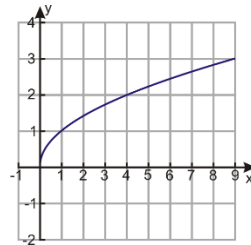
7. Linear Non Linear



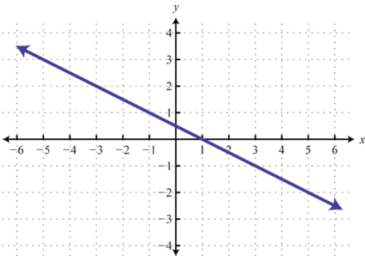
4. Linear Non Linear



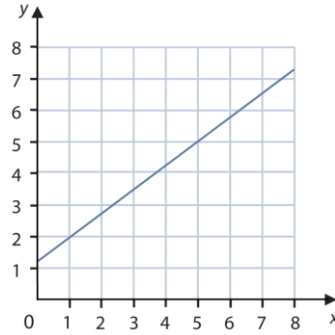
8. Linear Non Linear



9. Linear Non Linear



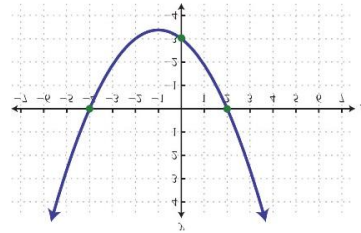
13. Linear Non Linear



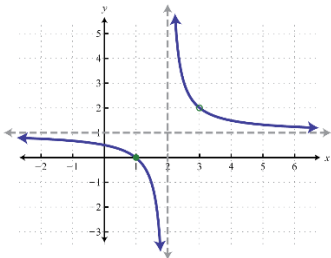
10. Linear Non Linear

x	y
1	2
2	4
3	8
4	16
5	32

14. Linear Non Linear



11. Linear Non Linear



15. Linear Non Linear

x	y
2	100
4	80
6	60
8	40

12. Linear Non Linear

x	y
1	2
2	7
3	12
5	22

16. Linear Non Linear

